

# Converting Colors

Hex(060D6E)

Have a look what the booklet for  
Hex(060D6E) contains.

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# Color

**Hex(060D6E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	060D6E
RGB	6, 13, 110
RGB Percent	2%, 5%, 43%
CMY	0.9765, 0.9490, 0.5686
CMYK	0.95, 0.88, 0.00, 0.57
HSL	236°, 90%, 23%
HSV	236°, 95%, 43%
XYZ	3.0335, 1.4524, 14.8723
YIQ	21.9650, -35.3090, 28.6830

# Conversions

## Conversions Part 2

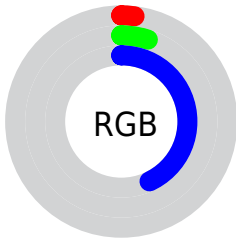
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 13, 110
Decimal	396654
CIELab	12.30, 36.61, -54.20
CIELCh	12, 65.409, 304.036
Yxy	1.4524, 0.1567, 0.0750
Android (android.graphics.Color)	4278586734 (0xFF060D6E)
YUV	21.9650, 43.4013, -14.0013
Hunter-Lab	12.0514, 23.8411, -64.7324

# Details

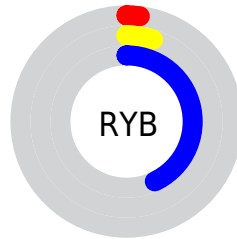
The Hex color **060D6E** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **6E6706**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **4D3AA3**, and **00033D** is the 20% darker color. If you saturate the color by 10%, you get **00076E**, and if you desaturate by 10%, it is **11176E**.

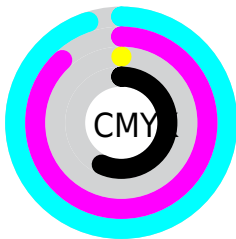
# Distribution



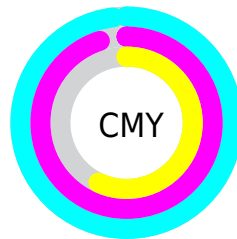
- Red (2%)
- Green (5%)
- Blue (43%)



- Red (2%)
- Yellow (5%)
- Blue (43%)



- Cyan (95%)
- Magenta (88%)
- Yellow (0%)
- Black (57%)



- Cyan (98%)
- Magenta (95%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 060D6E changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 060D6E by changing the saturation by 10% instead.



 060D6E

 060D6E

 FFF2FF

 000055

 4D3AA3

 00033D

 6951BE

 000326

 856ADB

 00010F

 A184F7

 000000

 BE9EFF

 DBB9FF

 F9D5FF

 060D6E

 060D6E

■ 00076E

■ 11176E

■ 1C226E

■ 272C6E

■ 32366E

■ 3D406E

■ 484B6E

■ 53556E

■ 5E5F6E

■ 69696E

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



00277F



060D6E



550049

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



060D6E



460700



002F26

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



060D6E



6E6706

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



002E00



060D6E



242100

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



060D6E



5E0000



002A00



003153

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



060D6E



64002B



002A00



002E15



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



060D6E



676A8F



066E65



2F3147



C7C7C7



474747



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



060D6E



000A8F



31066E



323338



000878



0011F7



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



6E060D



8F000A



436E06



383233



780008

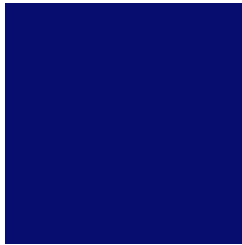


F70011



# Previews

## White Background



This preview shows how the Hex color 060D6E looks on a white background.

## Color Contrast Check

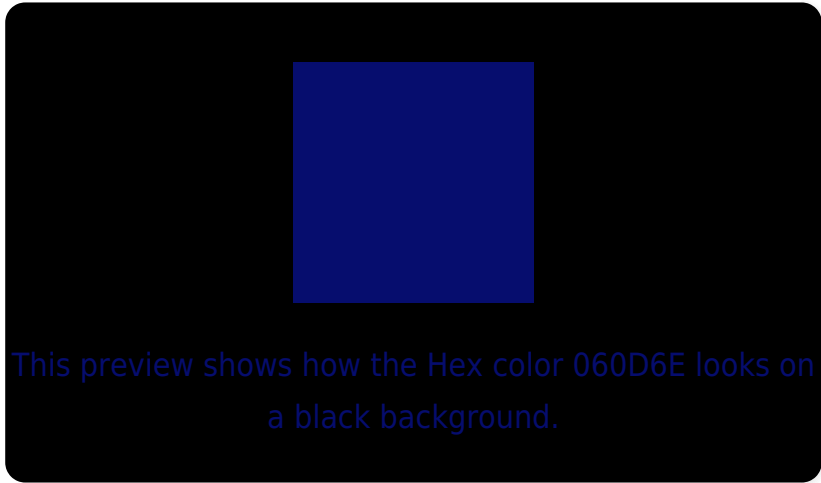
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

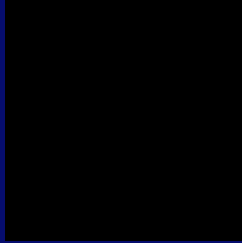
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 060D6E Background



This preview shows how black text looks on a background with the Hex color 060D6E.



This preview shows how white text looks on a background with the Hex color 060D6E.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
060D6E

**Protanopia**  
002146

**Deuteranopia**  
00243B



# Trichromacy



**Original Color**  
060D6E

**Protanomaly**  
021A55

**Deuteranomaly**  
021C4E

**Tritanomaly**  
021E41

# Monochromacy



**Original Color**  
060D6E

**Achromatopsia**  
161616

**Achromatomaly**  
101336

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 060D6E is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #060D6E looks like.

```
.text, #text, p{  
    color:#060D6E  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #060D6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #060D6E
}
```

## Border

The CSS property to change the border of an element to Hex 060D6E is called "border". The border property can be set on classes, ids or directly on the HTML element.

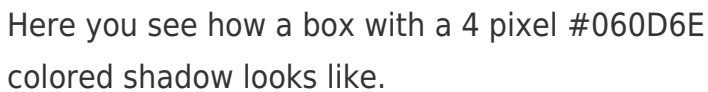
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#060D6E }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#060D6E }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #060D6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #060D6E; -webkit-box-shadow:4px 4px  
4px 4px #060D6E; box-shadow:4px 4px 4px  
4px #060D6E }
```

# Background

The CSS property to change the background color of an element to Hex 060D6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#060D6E }
```

If only the background color should be changed can be used:

```
.background{ background-color:#060D6E }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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